

**UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
MARSHALL DIVISION**

ENTROPIC COMMUNICATIONS, LLC,

Plaintiff

v.

CHARTER COMMUNICATIONS, INC.,

Defendant.

Civil Action No. 2:22-cv-00125-JRG

**JURY TRIAL DEMANDED**

**DECLARATION OF ELIZABETH LONG IN SUPPORT OF CHARTER  
COMMUNICATIONS, INC.'S OPPOSITION TO PLAINTIFF ENTROPIC  
COMMUNICATIONS, LLC'S MOTION FOR SUMMARY  
JUDGMENT OF VALIDITY UNDER 35 U.S.C. §§ 102 AND 103**

I, Elizabeth Long, declare:

1. I am counsel with the law firm Arnold & Porter Kaye Scholer LLP, counsel for Charter Communications, Inc. in the above captioned action. The statements made herein are of my own knowledge and, if called upon to testify thereof, I could and would do so competently.
2. Attached as **Exhibit E** is a true and correct copy of an excerpted transcript of the August 24, 2023 deposition of Dr. Richard A. Kramer.

I declare under penalty of perjury that the above is true and correct.

Dated: September 25, 2023

Respectfully submitted,

/s/ Elizabeth Long  
Elizabeth Long